

**REMARKS**

The specification is amended to include a specific reference to the earlier filed PCT application as well as correcting typographical errors.

There are 43 total pending claims. Claims 2 and 26 were canceled in the related PCT application. Claims 44 and 45 have been added by this preliminary amendment.

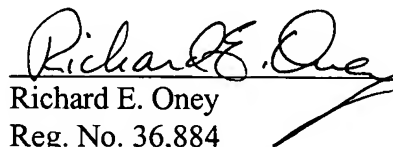
Claim 1 has been amended to recite that the claimed microreactor includes one or more controllable fluid supplies that can that are adapted to supply one or more fluids to the chamber under controlled conditions at a pressure up to about 4,500 psi. Claim 2 has been amended to recite that the method of investigating the reaction or properties of materials in situ includes the step of supplying fluid to the chamber at a pressure up to about 4,500 psi. None of the art of record teaches or suggests an apparatus or method for supplying fluid to a chamber at such a pressure.

Applicants respectfully submit that none of the pending claims are anticipated by or rendered obvious in view of the art of record and that all of the pending claims are in a form for allowance. Applicants therefore request consideration and allowance of these claims.

The Examiner is invited to telephone Applicants' undersigned representative if he believes that this would facilitate prosecution of the application.

Dated: January 26, 2005

Respectfully submitted,

  
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**Preliminary Amendment**

**United States Patent Application No. \_\_\_\_\_**

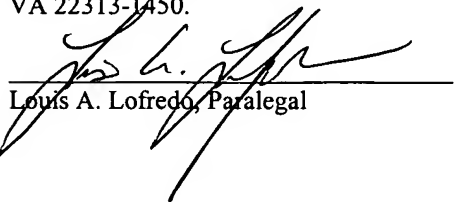
**National Stage Application of PCT/US03/23426**

Express Mail Label No. ED 539509963 US

Date of Deposit January 26, 2005

I hereby certify that this paper and all documents and any fee referred to herein are being deposited on the date indicated above with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.

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Louis A. Lofredo, Paralegal

1/26/05  
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Date of Signature